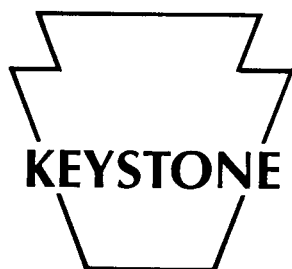




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# Ag Digest

**Note to Survey Respondents:** Results of many surveys we conduct throughout the year are included in this report! Most survey results are not published individually.

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Bi-Monthly

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## PRODUCTION OF SELECTED DAIRY PRODUCTS

Products	Dec 2003	Nov 2004	Dec 2004
000 Lbs.			
<b>PENNSYLVANIA</b>			
Butter .....	5,669	4,571	5,077
Ice Cream .....	2,957	3,467	2,577
<b>UNITED STATES</b>			
Butter .....	114,599	97,489	111,907
<b>Cheese:</b>			
American Types .....	321,189	301,443	322,558
Swiss .....	24,018	22,561	24,426
Brick and Muenster .....	7,539	7,117	6,990
Cream and Neufchatel ..	58,888	71,579	56,852
Mozzarella .....	249,953	249,432	257,743
Other Italian .....	64,289	64,144	63,578
Total Italian Types .....	314,242	313,576	321,321
All Other .....	21,282	20,284	28,640
Total .....	758,887	748,171	772,443
NF Dry Milk, Human .....	141,726	83,788	107,759
Yogurt, Plain & Flavored ..	178,513	189,753	206,029
000 Gal.			
<b>FROZEN PRODUCTS:</b>			
Ice Cream, Hard .....	56,091	59,175	55,306
Ice Cream, Lowfat .....	22,466	26,655	26,928
Ice Cream, Nonfat .....	1,097	1,115	1,190
Sherbet, Hard .....	3,209	3,429	2,915
Frozen Yogurt, Total .....	3,916	4,515	4,158
<b>MIX FOR PRODUCTS:</b>			
Ice Cream Mix .....	33,679	32,723	31,021
Ice Cream Mix, Lowfat ..	13,388	14,758	14,898
Ice Cream Mix, Nonfat ..	937	733	736
Sherbet Mix .....	2,330	2,586	2,012
Yogurt Mix .....	2,648	2,656	2,446

The Keystone Ag Digest may be found on the Internet at the following address:

[www.nass.usda.gov/pa/agdigest.htm](http://www.nass.usda.gov/pa/agdigest.htm)

## MILK PRODUCTION

Milk production in Pennsylvania during January 2005 totaled 869 million pounds, 2.8 percent above last January's production of 845 million pounds. The number of milk cows in the state during the month averaged 564,000 head, down 1,000 head from December but 1,000 head more than January 2004. Production per cow averaged 1,540 pounds for the month of January, 50 pounds more than December's estimate of 1,490 pounds, and 40 pounds more than January a year ago. Pennsylvania's milk production for 2004 totaled 10.062 billion pounds, down 276 million pounds or 2.7 percent from 2003. Pennsylvania ranked fourth in milk production for 2004, behind California, Wisconsin and New York. The average number of milk cows during the year was 562,000, which was 13,000 less than the previous year. Production per cow during 2004 totaled 17,904 pounds, compared to 17,979 pounds during 2003.

Milk production in the 23 states surveyed during January 2005 totaled 13.22 billion pounds, up 1.3 percent from production in these same states in January 2004. December revised production, at 13.04 billion pounds, was up 1.2 percent from December 2003. Production per cow averaged 1,637 pounds for January, 13 pounds above January 2004. The number of milk cows on farms averaged 8,082 million head, 38,000 head more than January 2004, and 15,000 head less than December 2004. The annual production of milk for the U.S. during 2004 was 170.8 billion pounds, 0.2 percent above 2003. Revisions to 2003 production increased the annual total by 82 million pounds. Revised 2004 production was up 0.2 percent from last month's publication. Average milk production per cow in the U.S. for 2004 averaged 18,957 pounds, 197 pounds above 2003. Average annual rate of milk production per cow has increased 16 percent since 1995. The average number of milk cows on farms in the U.S. during 2004 was 9.01 million head, down 0.8 percent from 2003. Average number of milk cows was revised down 1,000 head for 2003, and up 1,000 head for 2004.

## DAIRY PRODUCTS

United States' butter production was 112 million pounds in December, 2.3 percent below December 2003 but 14.8 percent above November 2004. Total cheese output (excluding cottage cheese) was 772 million pounds, 1.8 percent above December 2003 and 3.2 percent above November 2004. American type cheese production totaled 323 million pounds, 0.4 percent above December 2003 and 7.0 percent above November 2004. Frozen desserts (comparisons with December 2003): ice cream, regular (hard) -- 55.3 million gallons, down 1.4 percent; ice cream, lowfat (total) -- 26.9 million gallons, up 19.9 percent; ice cream, nonfat (hard) -- 1.19 million gallons, up 8.5 percent; sherbet (hard) -- 2.92 million gallons, down 9.2 percent; frozen yogurt (total) -- 4.16 million gallons, up 6.2 percent.

## MILK COWS & MILK PRODUCTION

Item	Unit	Pennsylvania			23 States		
		Jan 2004	Dec 2004	Jan 2005	Jan 2004	Dec 2004	Jan 2005
Milk Cows .....	Thous.	563	565	564	8,044	8,097	8,082
Milk Per Cow .....	Lbs.	1,500	1,490	1,540	1,624	1,610	1,637
Milk Production .....	Mil. Lbs.	845	842	869	13,061	13,037	13,229

## CROP VALUES

Crop Values includes average prices and value of production for major field crops and many specialty crops. All prices are marketing year average (MYA) prices which do not include allowances or adjustments for commodities under government loan at the end of the marketing year, commodities forfeited to the Commodity Credit Corporation, loan deficiency payments, direct and counter cyclical payments, or disaster payments.

Each State MYA price is based on sales in the months comprising its marketing year, while United States marketing year averages are based on sales during the standard U.S. marketing year for each crop.

United States monthly prices, for all crops in the monthly estimating program, are computed by weighting monthly State prices by monthly marketings for each State. United States MYA prices for corn, sorghum, oats, barley, wheat, rice, soybeans, peanuts, flaxseed, sunflower, upland cotton, dry edible beans, chickpeas, (garbanzo beans), dry edible peas, Austrian winter peas, and lentils are computed by weighting U.S. monthly prices by monthly marketings for the U.S. marketing year. The U.S. MYA price for hay is computed similarly. However, State prices and marketings used in the U.S. MYA price calculations vary by month due

to the U.S. marketing year extending over a 14-month period. For all other crops, U.S. MYA prices are computed by weighting State MYA prices by the estimated production in each State.

State and U.S. preliminary 2004 MYA prices for corn, sorghum, oats, barley, wheat, rice, soybeans, flaxseed, sunflower, upland cotton, dry edible beans, chickpeas (garbanzo beans), dry edible peas, Austrian winter peas, lentils, peanuts, and potatoes are based on entire month price data through December 2004 and, except for cotton and peanuts, allowances are made for the portion of the 2004 crop to be marketed during the remainder of each crop's 2004 marketing year. State MYA prices for crops not in the monthly price program are based on annual surveys.

State value of production is computed by multiplying each State price by its production. Value of production for the U.S. is the sum of State values for all States listed for the crop. Value of production estimates relate to the crop year. These estimates should not be confused with cash receipts, which relate to sales during a calendar year irrespective of the year of production.

### SUMMARY OF CROP VALUES, 2002-2004

Crop	Price per Bushel			Value of Production		
	2002	2003	2004	2002	2003	2004
	Dollars			(000) Dollars		
<u>CORN FOR GRAIN</u>						
Pennsylvania .....	2.97	2.96	2.00	169,646	302,956	274,400
United States .....	2.32	2.42	1.95	20,882,448	24,476,803	23,032,795
<u>WINTER WHEAT</u>						
Pennsylvania .....	3.40	3.31	3.30	33,337	23,484	21,830
United States .....	3.41	3.27	3.30	3,810,235	5,597,974	4,916,122
<u>OATS</u>						
Pennsylvania .....	2.08	1.81	1.70	14,591	11,747	10,285
United States .....	1.81	1.48	1.40	212,078	224,910	168,015
<u>BARLEY</u>						
Pennsylvania .....	1.70	2.13	2.25	7,548	8,445	7,673
United States .....	2.72	2.83	2.50	605,635	755,140	694,038
<u>SOYBEANS</u>						
Pennsylvania .....	5.90	7.33	5.00	59,826	112,699	97,750
United States .....	5.53	7.34	5.10	15,252,691	18,013,753	16,098,170
	Price Per Ton - Dollars					
<u>ALL HAY</u> <sup>1 2</sup>						
Pennsylvania .....	134.00	137.00	127.00	471,928	555,060	535,104
United States .....	92.40	85.50	89.70	12,338,010	12,006,783	12,197,354
	Price Per Pound					
<u>ALL TOBACCO</u> <sup>3</sup>						
Pennsylvania .....	1.379	1.367	1.327	9,401	10,772	10,746
United States .....	1.936	1.967	1.984	1,686,809	1,578,880	1,752,201
	Price Per Cwt. - Dollars					
<u>SORGHUM FOR GRAIN</u>						
Pennsylvania .....	4.79	4.64	3.75	386	1,130	697
United States .....	4.14	4.26	3.05	855,140	964,978	839,210
<u>POTATOES</u> <sup>4</sup>						
Pennsylvania .....	9.15	7.05	7.50	19,471	23,794	19,800
United States .....	6.67	5.89	5.62	3,045,310	2,685,822	2,564,165

<sup>1</sup> Baled Hay. <sup>2</sup> Estimated marketings of alfalfa and all other hay used weights to calculate all hay price. <sup>3</sup> For States with more than one type of tobacco marketed, the value of production is the sum of the individual types' values. <sup>4</sup> The value of production is the sum of the value of production of the seasonal groups.

## POTATO STOCKS

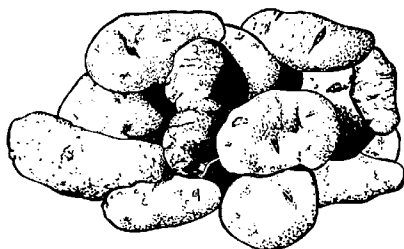
Total potato stocks stored in Pennsylvania on February 1, 2005 were 900,000 cwt., 18 percent less than a year ago. Stocks were down 18 percent from last month's level of 1.1 million cwt. February 1 stocks accounted for 34 percent of the 2004 Potato Production. Of the February potato stocks, 97 percent were round whites and 3 percent were reds.

Stocks are defined as the quantity (whether sold or not) remaining in storage for all purposes and uses, including seed potatoes not yet moved, and shrinkage, waste, and other losses that occur after the date of each report.

For the **United States**, the 15 major potato States held 204 million cwt of potatoes in storage February 1, 2005, up 2 percent from last year and 3 percent above 2003. Potatoes in storage account for 51 percent of the 2004 fall storage States' production, 1 percentage point above last year. Stocks by type show a smaller percentage of reds and round whites but a larger percentage of russets than a year ago. Disappearance of 199 million cwt of potatoes is down 2 percent from last year and 4 percent below two years ago.

Shrink and loss, at 22.5 million cwt so far this season, is up 10 percent from both last year and the same date in 2003. Processors in the 9 major States used 101 million cwt of potatoes this season, down 1 percent from a year ago and 6 percent below two years ago. Dehydrating usage accounts for 20.0 million cwt of the total processing, down 9 percent from last year and 16 percent below the same date in 2003.

**Eastern States** stored 13.3 million cwt of potatoes on February 1, up 5 percent from last year and 18 percent above two years ago. New York's stocks are up 18 percent from last year, while Maine stocks increased 6 percent. Pennsylvania's sheds decreased 18 percent from a year ago.



## CATTLE INVENTORY

Pennsylvania farmers had 1,630,000 cattle and calves on hand on January 1, 2005, down 10,000 head from the January 1, 2004 level. The Keystone State's calf crop for 2004 was 650,000, equal to the total from one year ago. All cows that have calved, at 720,000, was also the same as last year. Milk cow inventory, at 566,000, is up slightly from January 1, 2004. Beef cows totaled 154,000, down 2,000 head from last year's beef cow inventory. Milk cow replacement heifers 500 pounds and over, at 275,000, is down 5,000 head from last year's number. Beef cow replacement heifers, at 40,000, remained unchanged from last year.

Other heifers 500 pounds and over, at 55,000, was up 5,000 head from January 1, 2004. Steers in the same weight category, at 170,000, increased 3 percent from last year's level. Bulls, at 25,000, were the same as January 1, 2004. All calves under 500 pounds, at 345,000, were down 15,000 head from last year.

Primary data used in making cattle estimates for Pennsylvania and the United States were obtained from a sample of about 50,000 agricultural producers in the United States using probability surveys. Information was collected by mail, telephone and personal interview.

**UNITED STATES** – All cattle and calves in the United States as of January 1, 2005, totaled 95.8 million head, 1 percent above the 94.9 million on January 1, 2004.

The 2004 calf crop was estimated at 37.6 million head, down 1 percent from 2003. Calves born during the first half of the year are estimated at 27.4 million, also down 1 percent from 2003. All cows and heifers that have calved, at 42.1 million, were up 1 percent from the 41.9 million on January 1, 2004. Milk cows, at 9.01 million, were up slightly from January 1, 2004. Beef cows, at 33.06 million, were up 1 percent from January 1, 2004. Milk replacement heifers, at 4.13 million, is up 3 percent. Beef replacement heifers, at 5.75 million, is up 4 percent.

Other class estimates on January 1, 2005 and the change from January 1, 2004, are as follows:

- All heifers 500 pounds and over, 19.7 million, up 2 percent.
- Other heifers, 9.79 million, down slightly.
- Steers weighing 500 pounds and over, 16.5 million, up 1 percent.
- Bulls weighing 500 pounds and over, 2.22 million, up 1 percent.
- Calves under 500 pounds, 15.4 million, up 1 percent.
- Cattle and calves on feed for slaughter in all feedlots, 13.7 million, down slightly.
- The combined total of calves under 500 pounds, and other heifers and steers over 500 pounds outside of feedlots, 27.9 million, up 2 percent.

## CATTLE & CALVES: JANUARY 1, 2004-2005

Class	Pennsylvania			United States		
	2004	2005	2005/2004	2004	2005	2005/2004
	<i>(000) Head</i>		<i>Percent</i>	<i>(000) Head</i>		<i>Percent</i>
Cattle & Calves .....	1,640	1,630	99	94,888.0	95,848.0	101
All Cows That Have Calved .....	720	720	100	41,850.8	42,060.4	101
Beef Cows .....	156	154	99	32,861.3	33,055.4	101
Milk Cows .....	564	566	100	8,989.5	9,005.0	100
Heifers 500 Pounds & Over .....						
For Beef Cow Replacement ...	40	40	100	5,518.3	5,745.9	104
For Milk Cow Replacement ....	280	275	98	4,020.0	4,133.3	103
Other Heifers .....	50	55	110	9,806.2	9,793.4	100
Steers 500 Pounds & Over .....	165	170	103	16,277.3	16,510.8	101
Bulls 500 Pounds & Over .....	25	25	100	2,205.9	2,219.3	101
Calves Under 500 Pounds .....	360	345	96	15,209.5	15,384.9	101
Calf Crop .....	650	-	-	37,625.4	-	-
Cattle & Calves On Feed .....	75	75	100	13,812.9	13,748.7	100

## POULTRY SLAUGHTER

Item	Number Slaughtered		Live Weight		Average Live Weight	
	Nof 2004	Dec 2004	Nov 2004	Dec 2004	Nov 2004	Dec 2004
	<i>1,000 Head</i>		<i>1,000 Pounds</i>		<i>Pounds</i>	
<b>Pennsylvania</b>						
Young Chickens . . . . .	9,378 <sub>1</sub>	9,720 <sub>1</sub>	49,619 <sub>1</sub>	51,831 <sub>1</sub>	5.29 <sub>1</sub>	5.33 <sub>1</sub>
Young Turkeys . . . . .						
<b>United States</b>						
Young Chickens . . . . .	708,218	722,753	3,764,849	3,833,824	5.32	5.30
Young Turkeys . . . . .	22,951	19,641	604,605	544,364	26.34	27.72

<sup>1</sup> Figures are not available due to disclosure of individual operations.

## U.S. CATTLE ON FEED UP SLIGHTLY

Cattle and calves on feed for slaughter market in the United States for feedlots with capacity of 1,000 or more head totaled 11.3 million head on January 1, 2005. The inventory was slightly above January 1, 2004 and 6 percent above January 1, 2003. The inventory included 7.19 million steers and steer calves, up 5 percent from the previous year. This group accounted for 64 percent of the total inventory. Heifers and heifer calves accounted for 4.05 million head, down 7 percent from January 1, 2004.

Placements in feedlots during December totaled 1.83 million, 5 percent above 2003 and 14 percent above 2002. This is the highest placements for the month of December since the series began in 1996. Net

placements were 1.74 million. During December, placements of cattle and calves weighing less than 600 pounds were 465,000, 600-699 pounds were 558,000, 700-799 pounds were 489,000, and 800 pounds and greater were 322,000.

Marketings of fed cattle during December totaled 1.78 million, 2 percent above 2003 but 1 percent below 2002.

Other disappearance totaled 92,000 during December, 2 percent above 2003 but 7 percent below 2002.

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